

**EP697403**

AN 1996-107262 [12] WPIX

DNC C1996-034036

TI New N-acyl amino acid arylamide cpds. - useful as cholecystokinin CKK-A receptor agonists.

DC B05

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CYC 33

PI EP-----697403 A1 19960221 (199612)\* FR 78 <--

R: AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

FR-----2723739 A1 19960223 (199615) 65

AU----9530146 A 19960229 (199616)

NO----9503260 A 19960220 (199616)

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ZA----9506915 A 19960529 (199628) 101

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NO----305075 B1 19990329 (199919)

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RU----2130923 C1 19990527 (200027)

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PH--1199551129 B1 19990806 (200359)

ADT EP-----697403 A1 1995EP-0401912 19950818; FR-----2723739 A1

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19950818; MX----194578 B 1995MX-0003529 19950816; PH--1199551129 B1

1995PH-0051129 19950817

FDT AU----699581 B Previous Publ. AU----9530146; NO----305075 B1 Previous

Publ. NO----9503260

PRAI 1994FR-0010165 19940819

AN 1996-107262 [12] WPIX

AB EP 697403 A UPAB: 19960322

N-Acyl amino acid arylamides of formula R'-N(Ar)-CO-CHR"-NH-O-R''' (I) and their salts are new:

R' = 3-8C alkyl, 1-4C alkyl, (3-10C) cycloalkyl (1-4C)alkyl, 3-10C cycloalkyl, (1-4C)alkoxy (2-5C)alkyl, or (CH<sub>2</sub>)<sub>r</sub>CONAB; A = 1-3C alkyl; B = 1-3C alkyl or phenyl; r = 1-3; R'' = H, 1-6C alkyl, 1-5C hydroxyalkyl, (CH<sub>2</sub>)<sub>m</sub>COR<sub>2</sub>, (3-10C) cycloalkyl(1-4C)alkyl, 1-4C aminoalkyl, guanidino(1-4C)alkyl; m = 1-3; R<sub>2</sub> = OH, 1-4C alkoxy, benzyloxy; R''' = naphthyl, quinolyl, isoquinolyl, or indolyl; Ar = 2-methoxy-3-pyridyl, 4-methoxy-5-pyrimidinyl or 2-methoxyphenyl.

USE - (I) are cholecystokinin (CCK) agonists that act selectively on peripheral CCK-A receptors and are useful for treatment of eating disorders, obesity, diabetes, emotional, sexual and memory disorders, psychoses (esp. schizophrenia), Parkinson's disease, tardive dyskinesia and gastrointestinal disorders.

(I) are formulated as compsns. contg. 0.5-1000 mg active ingredient.  
Daily dose is 2.5-1000 mg.

Dwg.0/0

ABEQ US 5731340 A UPAB: 19980512

N-Acyl amino acid arylamides of formula R'-N(Ar)-CO-CHR"-NH-O-R''' (I) and their salts are new:

R' = 3-8C alkyl, 1-4C alkyl, (3-10C) cycloalkyl (1-4C)alkyl, 3-10C cycloalkyl, (1-4C)alkoxy (2-5C)alkyl, or (CH<sub>2</sub>)<sub>r</sub>CONAB; A = 1-3C alkyl; B = 1-3C alkyl or phenyl; r = 1-3; R'' = H, 1-6C alkyl, 1-5C hydroxyalkyl, (CH<sub>2</sub>)<sub>m</sub>COR<sub>2</sub>, (3-10C) cycloalkyl(1-4C)alkyl, 1-4C aminoalkyl, guanidino(1-4C)alkyl; m = 1-3; R<sub>2</sub> = OH, 1-4C alkoxy, benzyloxy; R''' = naphthyl, quinolyl, isoquinolyl, or indolyl; Ar = 2-methoxy-3-pyridyl, 4-methoxy-5-pyrimidinyl or 2-methoxyphenyl.

USE - (I) are cholecystokinin (CCK) agonists that act selectively on peripheral CCK-A receptors and are useful for treatment of eating disorders, obesity, diabetes, emotional, sexual and memory disorders, psychoses (esp. schizophrenia), Parkinson's disease, tardive dyskinesia and gastrointestinal disorders.

(I) are formulated as compsns. contg. 0.5-1000 mg active ingredient.  
Daily dose is 2.5-1000 mg.